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J1054 U.S. PTO

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A

**UTILITY PATENT APPLICATION TRANSMITTAL**

(New Non-provisional Applications Under 37 CFR § 1.53(b))

Attorney Docket No.

50325-0508

**TO THE COMMISSIONER FOR PATENTS:**

Transmitted herewith is the patent application of ( ) application identifier or (X) first named inventor, **Ranjan PRASAD, et al.**, entitled **METHOD AND APPARATUS FOR SELECTING AND MANAGING WIRELESS NETWORK SERVICES USING A DIRECTORY**, for a(n):

(X) Original Patent Application.

( ) Continuing Application (prior application not abandoned):

( ) Continuation ( ) Divisional ( ) Continuation-in-part (CIP)

of prior application No: \_\_\_\_\_ Filed on: \_\_\_\_\_

( ) A statement claiming priority under 35 USC § 120 has been added to the specification.

Enclosed are:

(X) Specification 56 Total Pages; (X) Drawing(s); 11 Total Sheets; (X) Cover Sheet 1 Page

(X) Oath or Declaration: 3 Pages

(X) A Newly Executed Combined Declaration and Power of Attorney:

(X) Signed.

( ) Unsigned.

( ) Partially Signed.

( ) A Copy from a Prior Application for Continuation/Divisional (37 CFR § 1.63(d)).

( ) Incorporation by Reference. The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied, is considered as being part of the disclosure of the accompanying application and is hereby incorporated herein by reference.

( ) Signed Statement Deleting Inventor(s) Named in the Prior Application. (37 CFR § 163(d)(2)).

( ) Power of Attorney.

(X) Return Receipt Postcard.

( ) Associate Power of Attorney.

(X) A Check in the amount of \$1426.00 for the Filing Fee.

( ) Preliminary Amendment.

( ) Information Disclosure Statement and Form PTO-1449.

(X) Request and Certification Under 35 U.S.C. 122(b)(2)(B)(i)

( ) A Duplicate Copy of this Form for Processing Fee Against Deposit Account.

( ) Statement(s) of Status as a Small Entity Filed in Prior Application, Status Still Proper and Desired.

(X) Recordation of Assignment Cover Sheet and executed Assignment.

(X) Other: Fee Transmittal for FY 2001

| CLAIMS AS FILED                           |           |           |         |           |
|---|-----------|-----------|---------|-----------|
| FOR                                       | NO. FILED | NO. EXTRA | RATE    | FEE       |
| Total Claims                              | 22        | 2         | \$18.00 | \$ 36.00  |
| Independent Claims                        | 11        | 8         | \$80.00 | \$ 640.00 |
| Multiple Dependent Claims (if applicable) |           |           |         | \$ 0.00   |
| Basic Filing Fee                          |           |           |         | \$ 710.00 |
| Recording fee                             |           |           |         | \$ 40.00  |
| Total Filing Fee                          |           |           |         | \$1426.00 |

Charge \$ \_\_\_\_\_ to Deposit Account \_\_\_\_\_ pursuant to 37 CFR § 1.25. Throughout the pendency of this application, please charge any additional fees, including any required extension of time fees, and credit all overpayments to deposit account 50-1302. A duplicate of this sheet is enclosed.

Respectfully submitted,

By:

Christopher J. Palermo  
Christopher J. Palermo, Reg. No. 42,056

Date: March 6, 2001

Correspondence Address:

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I hereby certify that this is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated below and is addressed to:

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|  |  |                          |               |
|--|--|--------------------------|---------------|
| <b>FEE TRANSMITTAL</b><br><b>for FY 2001</b><br><i>Patent fees are subject to annual revision,<br/>         Small Entity payments <u>must</u> be supported by a small entity statement,<br/>         otherwise large entity fees must be paid. See Forms PTO/SB/09-12.<br/>         See 37 C.F.R. §§ 1.27 AND 1.28</i> |  | <b>Complete if Known</b> |               |
|  |  | Application Number       | NYA           |
|  |  | Filing Date              | March 6, 2001 |
|  |  | First Named Inventor     | Ranjan PRASAD |
|  |  | Examiner Name            | NYA           |
|  |  | Group/Art Unit           | NYA           |
| TOTAL AMOUNT OF PAYMENT  |  | Attorney Docket No.      | 50325-0508    |
|  |  |                          |               |

| <b>METHOD OF PAYMENT (check one)</b>   |                       | <b>FEE CALCULATION (continued)</b>  |                       |  |                       |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
|--|-----------------------|---|-----------------------|--|-----------------------|-----------------------|-----------------------|-----------------|----------|-------|-------|-----|-------|-------------------------------------|-------|--------|--------------------|-----|----|---|--|-----------------------|-----------------------|-----------------------|-----------------------|---------------------------|-----|-----|-------|-----|------------------------|--|----|-----|------|-----------------------------------|------|--|-----|-----|---------------------------------------|-----|--------|---|----|---|-----|-----|-----|---|---|--|-----|-----------------------|-----------------------|--|-----------------------|-----------------|----------|-----|-----|---|-----|--------------------|--------|-----|-----|--|-----|-------------------|-----|-----|-----|------------------|-----|------------------|-----|-----|-----|--|-----|--------------------|-----|-----|-----|--------------------------|----|------------------------|-------|---------------------|-------|---|--|-----|--------------------|-----|----|----------------------------------|--|-----|-------|-----|-----|------------------------------------|--|-----|-------|-----|-----|--------------------------------|--|-----|-----|-----|-----|------------------|--|-----|-----|-----|-----|-----------------|--|-----|-----|-----|-----|-------------------------------|--|-----|----|-----|----|---|--|-----|-----|-----|-----|---|--|-----|----|-----|----|--|-------|-----|-----|-----|-----|---|--|-----|-----|-----|-----|--|--|---------------------------|--|--|--|--|--|---------------------------|--|--|--|--|--|
| 1. <input checked="" type="checkbox"/> Throughout the pendency of this application, please charge any additional fees, including any required extension of time fees, and credit all overpayments to deposit account 50-1302. A duplicate of this sheet is enclosed.<br><br>Deposit Account Number: <span style="border: 1px solid black; padding: 2px;">50-1302</span><br><br>Deposit Account Name: <span style="border: 1px solid black; padding: 2px;">Hickman Palermo Truong &amp; Becker, LLP</span>  |                       | <b>3. ADDITIONAL FEES</b><br><table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet.</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>116</td><td>390</td><td>216</td><td>195</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>890</td><td>217</td><td>445</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,390</td><td>218</td><td>695</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,890</td><td>228</td><td>945</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>300</td><td>219</td><td>150</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>300</td><td>220</td><td>150</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>260</td><td>221</td><td>130</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,210</td><td>241</td><td>605</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,210</td><td>242</td><td>605</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>430</td><td>243</td><td>215</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>580</td><td>244</td><td>290</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td>40.00</td></tr> <tr><td>146</td><td>690</td><td>246</td><td>345</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>149</td><td>690</td><td>249</td><td>345</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td colspan="5">Other fee (specify) _____</td><td></td></tr> <tr><td colspan="5">Other fee (specify) _____</td><td></td></tr> </tbody> </table> |                       | Large Entity Fee Code  | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description | Fee Paid | 105   | 130   | 205 | 65    | Surcharge - late filing fee or oath |       | 127    | 50                 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet. |  | 139                   | 130                   | 139                   | 130                   | Non-English specification |     | 147 | 2,520 | 147 | 2,520                  | For filing a request for reexamination |    | 112 | 920* | 112                               | 920* | Requesting publication of SIR prior to Examiner action |     | 113 | 1,840*                                | 113 | 1,840* | Requesting publication of SIR after Examiner action |    | 116   | 390 | 216 | 195 | Extension for reply within second month |   | 117  | 890 | 217                   | 445                   | Extension for reply within third month |                       | 118             | 1,390    | 218 | 695 | Extension for reply within fourth month |     | 128                | 1,890  | 228 | 945 | Extension for reply within fifth month |     | 119               | 300 | 219 | 150 | Notice of Appeal |     | 120              | 300 | 220 | 150 | Filing a brief in support of an appeal |     | 121                | 260 | 221 | 130 | Request for oral hearing |    | 138                    | 1,510 | 138                 | 1,510 | Petition to institute a public use proceeding |  | 140 | 110                | 240 | 55 | Petition to revive - unavoidable |  | 141 | 1,210 | 241 | 605 | Petition to revive - unintentional |  | 142 | 1,210 | 242 | 605 | Utility issue fee (or reissue) |  | 143 | 430 | 243 | 215 | Design issue fee |  | 144 | 580 | 244 | 290 | Plant issue fee |  | 122 | 130 | 122 | 130 | Petitions to the Commissioner |  | 123 | 50 | 123 | 50 | Petitions related to provisional applications |  | 126 | 240 | 126 | 240 | Submission of information Disclosure Stmt |  | 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | 40.00 | 146 | 690 | 246 | 345 | Filing a submission after final rejection (37 CFR § 1.129(a)) |  | 149 | 690 | 249 | 345 | For each additional invention to be examined (37 CFR § 1.129(b)) |  | Other fee (specify) _____ |  |  |  |  |  | Other fee (specify) _____ |  |  |  |  |  |
| Large Entity Fee Code  | Large Entity Fee (\$) | Small Entity Fee Code   | Small Entity Fee (\$) | Fee Description  | Fee Paid              |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 105  | 130                   | 205   | 65                    | Surcharge - late filing fee or oath  |                       |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 127  | 50                    | 227   | 25                    | Surcharge - late provisional filing fee or cover sheet.                    |                       |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 139  | 130                   | 139   | 130                   | Non-English specification  |                       |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 147  | 2,520                 | 147   | 2,520                 | For filing a request for reexamination                                     |                       |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 112  | 920*                  | 112   | 920*                  | Requesting publication of SIR prior to Examiner action                     |                       |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 113  | 1,840*                | 113   | 1,840*                | Requesting publication of SIR after Examiner action                        |                       |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 116  | 390                   | 216   | 195                   | Extension for reply within second month                                    |                       |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 117  | 890                   | 217   | 445                   | Extension for reply within third month                                     |                       |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 118  | 1,390                 | 218   | 695                   | Extension for reply within fourth month                                    |                       |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 128  | 1,890                 | 228   | 945                   | Extension for reply within fifth month                                     |                       |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 119  | 300                   | 219   | 150                   | Notice of Appeal   |                       |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 120  | 300                   | 220   | 150                   | Filing a brief in support of an appeal                                     |                       |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 121  | 260                   | 221   | 130                   | Request for oral hearing   |                       |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 138  | 1,510                 | 138   | 1,510                 | Petition to institute a public use proceeding                              |                       |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 140  | 110                   | 240   | 55                    | Petition to revive - unavoidable   |                       |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 141  | 1,210                 | 241   | 605                   | Petition to revive - unintentional   |                       |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 142  | 1,210                 | 242   | 605                   | Utility issue fee (or reissue)   |                       |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 143  | 430                   | 243   | 215                   | Design issue fee   |                       |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 144  | 580                   | 244   | 290                   | Plant issue fee  |                       |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 122  | 130                   | 122   | 130                   | Petitions to the Commissioner  |                       |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 123  | 50                    | 123   | 50                    | Petitions related to provisional applications                              |                       |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 126  | 240                   | 126   | 240                   | Submission of information Disclosure Stmt                                  |                       |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 581  | 40                    | 581   | 40                    | Recording each patent assignment per property (times number of properties) | 40.00                 |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 146  | 690                   | 246   | 345                   | Filing a submission after final rejection (37 CFR § 1.129(a))              |                       |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 149  | 690                   | 249   | 345                   | For each additional invention to be examined (37 CFR § 1.129(b))           |                       |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| Other fee (specify) _____  |                       |   |                       |  |                       |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| Other fee (specify) _____  |                       |   |                       |  |                       |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| <b>2. EXTRA CLAIM FEES</b><br><table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Total Claims</th> <th>Highest Paid Claims</th> <th>Extra Claims</th> <th>Fee from Below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>-20=</td> <td>2</td> <td>18.00</td> <td>36.00</td> </tr> <tr> <td>11</td> <td>-3**=</td> <td>8</td> <td>80.00</td> <td>640.00</td> </tr> <tr> <td colspan="4">Multiple Dependent</td> <td></td> </tr> </tbody> </table> <p><b>**or number previously paid, if greater; For Reissues, see below</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td></tr> <tr><td>102</td><td>80</td><td>202</td><td>40</td><td>Independent claims in excess of 3</td></tr> <tr><td>104</td><td>270</td><td>204</td><td>135</td><td>Multiple dependent claim, if not paid</td></tr> <tr><td>109</td><td>80</td><td>209</td><td>40</td><td>**Reissue independent claims over original patent</td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>**Reissue claims in excess of 20 and over original patent</td></tr> </tbody> </table> |                       | Total Claims  | Highest Paid Claims   | Extra Claims   | Fee from Below        | Fee Paid              | 22                    | -20=            | 2        | 18.00 | 36.00 | 11  | -3**= | 8                                   | 80.00 | 640.00 | Multiple Dependent |     |    |   |  | Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description           | 103 | 18  | 203   | 9   | Claims in excess of 20 | 102                                    | 80 | 202 | 40   | Independent claims in excess of 3 | 104  | 270  | 204 | 135 | Multiple dependent claim, if not paid | 109 | 80     | 209   | 40 | **Reissue independent claims over original patent | 110 | 18  | 210 | 9                                       | **Reissue claims in excess of 20 and over original patent | <b>1. BASIC FILING FEE</b><br><table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>710</td><td>201</td><td>355</td><td>Utility filing fee</td><td>710.00</td></tr> <tr><td>106</td><td>320</td><td>206</td><td>160</td><td>Design filing fee</td><td></td></tr> <tr><td>107</td><td>490</td><td>207</td><td>245</td><td>Plant filing fee</td><td></td></tr> <tr><td>108</td><td>710</td><td>208</td><td>355</td><td>Reissue filing fee</td><td></td></tr> <tr><td>114</td><td>150</td><td>214</td><td>75</td><td>Provisional filing fee</td><td></td></tr> <tr><td colspan="5"><b>SUBTOTAL (1)</b></td><td><b>(\$ 710.00)</b></td></tr> </tbody> </table> |     | Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code                  | Small Entity Fee (\$) | Fee Description | Fee Paid | 101 | 710 | 201                                     | 355 | Utility filing fee | 710.00 | 106 | 320 | 206                                    | 160 | Design filing fee |     | 107 | 490 | 207              | 245 | Plant filing fee |     | 108 | 710 | 208                                    | 355 | Reissue filing fee |     | 114 | 150 | 214                      | 75 | Provisional filing fee |       | <b>SUBTOTAL (1)</b> |       |   |  |     | <b>(\$ 710.00)</b> |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| Total Claims   | Highest Paid Claims   | Extra Claims  | Fee from Below        | Fee Paid   |                       |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 22   | -20=                  | 2   | 18.00                 | 36.00  |                       |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 11   | -3**=                 | 8   | 80.00                 | 640.00   |                       |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| Multiple Dependent   |                       |   |                       |  |                       |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| Large Entity Fee Code  | Large Entity Fee (\$) | Small Entity Fee Code   | Small Entity Fee (\$) | Fee Description  |                       |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 103  | 18                    | 203   | 9                     | Claims in excess of 20   |                       |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 102  | 80                    | 202   | 40                    | Independent claims in excess of 3  |                       |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 104  | 270                   | 204   | 135                   | Multiple dependent claim, if not paid                                      |                       |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 109  | 80                    | 209   | 40                    | **Reissue independent claims over original patent                          |                       |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 110  | 18                    | 210   | 9                     | **Reissue claims in excess of 20 and over original patent                  |                       |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| Large Entity Fee Code  | Large Entity Fee (\$) | Small Entity Fee Code   | Small Entity Fee (\$) | Fee Description  | Fee Paid              |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 101  | 710                   | 201   | 355                   | Utility filing fee   | 710.00                |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 106  | 320                   | 206   | 160                   | Design filing fee  |                       |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 107  | 490                   | 207   | 245                   | Plant filing fee   |                       |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 108  | 710                   | 208   | 355                   | Reissue filing fee   |                       |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 114  | 150                   | 214   | 75                    | Provisional filing fee   |                       |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| <b>SUBTOTAL (1)</b>  |                       |   |                       |  | <b>(\$ 710.00)</b>    |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| <b>SUBTOTAL (2)</b>  |                       | <b>SUBTOTAL (3)</b>   |                       |  |                       |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
|  |                       |   |                       |  |                       |                       |                       |                 |          |       |       |     |       |                                     |       |        |                    |     |    |   |  |                       |                       |                       |                       |                           |     |     |       |     |                        |  |    |     |      |                                   |      |  |     |     |                                       |     |        |   |    |   |     |     |     |   |   |  |     |                       |                       |  |                       |                 |          |     |     |   |     |                    |        |     |     |  |     |                   |     |     |     |                  |     |                  |     |     |     |  |     |                    |     |     |     |                          |    |                        |       |                     |       |   |  |     |                    |     |    |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |       |     |     |     |     |   |  |     |     |     |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |

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